

Minutes of the  
Board of Minerals and Environment Meeting  
Matthew Environmental Education and Training Center  
523 East Capitol Avenue  
Pierre, South Dakota

May 15, 2008  
10:00 a.m. CDT

CALL TO ORDER AND ROLL CALL: The meeting was called to order by Chairman Richard C. Sweetman. The roll was called and a quorum was present.

BOARD MEMBERS PRESENT: Richard Sweetman, Lee McCahren, Linda Hilde, Dennis Landguth, Mike DeMersseman, Pete Bullene, Bob Duxbury, and Glenn Blumhardt.

BOARD MEMBERS ABSENT: Chuck Monson.

OTHERS PRESENT: See attached attendance sheet.

APPROVAL OF MINUTES FROM APRIL 17, 2008, MEETING: Eric Holm, Minerals and Mining Program, reported that at the April 17, 2008, meeting, the board approved the Bureau of Land Management (BLM) as American Colloid's socioeconomic contractor for the eastern and western Shear/Clarkson mining projects.

Following the meeting, Dan Benoit of the BLM contacted the department requesting that the board make a modification to the meeting minutes regarding the board's approval of the BLM to conduct the socioeconomic study. Even though the BLM has no problems with the board approving it as American Colloid's socioeconomic contractor, or the company including its socioeconomic report in the mine permit applications, Mr. Benoit requested the minutes be amended to clarify that BLM has no contractor/client relationship with American Colloid or any other company.

Mr. Holm requested that the following statement be added after the board motion on page 4 of the minutes under "Request for Approval of Contractor for American Colloid Shear/Clarkson Socioeconomic Impact Study:"

The BLM is a federal agency responsible for permitting and oversight of exploration and mining related activities on federal lands administered by the BLM and there is no contractor/client relationship between the BLM and American Colloid Company or any other company.

Motion by DeMersseman, seconded by Landguth, to approve the minutes, as amended to include the above paragraph. Motion carried.

WHARF RESOURCES: Eric Holm reported that the department recently approved a technical revision that would allow Wharf to construct leach Pad 5, which would be located to the southwest of Pad 3. The construction of the pad will disturb about 38 acres of new

contiguous affected land. The pad will have the capacity for about 5.3 million tons of ore to be processed from this year until 2011.

Wharf is required to submit an additional reclamation bond in the amount of \$1,157,000 for Pad 5. Pursuant to SDCL 45-6B-21 Wharf was given permission to submit the reclamation surety bond in phases corresponding to construction and land disturbance.

On May 14, 2008, Wharf submitted \$200,000 for the first phase of the project, which is to remove topsoil and getting the sub grade ready for the pad. Wharf is required to submit an additional \$300,000 prior to loading ore on Pad 5, and the remaining portion of the bond will be submitted prior to leaching the ore.

REQUEST PERMISSION TO ADVERTISE PROPOSED REVISIONS TO ASBESTOS RULES: Vonni Kallemeyn, DENR Waste Management Program, requested permission to advertise for a public hearing to consider proposed amendments to the asbestos rules in September 2008.

Motion by Blumhardt, seconded by Hilde, to authorize the department to advertise for a public hearing to consider amendments to the asbestos rules at the September 18, 2008, Board of Minerals and Environment meeting. Motion carried.

OIL AND GAS CASE NO. 11-2008, CONTINENTAL RESOURCES: Chairman Sweetman appointed Linda Hilde as hearing chair. Ms. Hilde opened the hearing at 10:15 a.m.

Lawrence Bender, attorney from Bismarck, ND, represented Continental Resources.

Roxanne Giedd, Deputy Attorney General, represented the Department of Environment and Natural Resources (DENR).

Case No. 11-2008 is the application of Continental Resources, Enid, OK, to amend any field orders or spacing rules to change the minimum setback distance from the spacing unit boundary from 660 feet to 500 feet for horizontal wells drilled in the "B" zone of the Red River formation in the spacing unit of Section 34, T23N, R6E, Corey Butte Field, Harding County, SD.

Witnesses administered the oath and testifying on behalf of Continental Resources, Inc.:

Levi Olson, Petroleum land man  
Robert Johnson, consulting geologist

Exhibits offered and admitted into the record for Continental Resources, Inc.:

Exhibit L-1 – General locator map  
Exhibit L-2 – Land plat  
Exhibit L-3 – Ownership summary  
Exhibit G-1 – 9-Section plat  
Exhibit G-2 – Type log, Luff 1-27 Miller  
Exhibit E-1 – Production curve, Travers 1-34

Exhibit E-2 – Well Construction Diagram  
Exhibit E-3 – Projected reserves, Travers 1-34H

Gerald “Mack” McGillivray, DENR Oil and Gas Program, was administered the oath and testified on behalf of the Department of Environment and Natural Resources regarding Case No. 11-2008.

Ms. Giedd offered DENR Exhibit A, a map of areas in Harding County affected by the May 15, 2008, Board of Minerals and Environment oil and gas hearings. The exhibit was accepted into the record.

Notice of the hearing was published twice before April 23, 2008, in the Black Hills Pioneer, the Pierre Capital Journal, the Rapid City Journal, and the Nation’s Center News. Affidavits of Publication are on file in the Department of Environment and Natural Resources Rapid City office.

The department received no petitions to intervene.

Motion by McCahren, seconded by Bullene, to approve Case No. 11-2008, Continental Resources, Inc. Motion carried.

Mr. Bender stated as a result of discussions with Ms. Giedd, it was found that it may be helpful to other operators in South Dakota if the Orders that have been previously issued by the board are consolidated into one Order issued by the board.

Mr. Bender will prepare the draft Findings of Fact, Conclusions of Law, and Order and give it to Ms. Giedd for review. Ms. Giedd will present the Findings of Fact, Conclusions of Law, and Order to the board for approval at the July 16-17, 2008, meeting.

Ms. Hilde declared the hearing closed.

OIL AND GAS CASE NOS. 12-2008, 13-2008, AND 14-2008, ZENERGY OPERATING COMPANY, LLC: Ms. Hilde, who had previously been appointed hearing chair, opened the hearing at 10:45 a.m.

Lawrence Bender, attorney from Bismarck, ND, represented Zenergy Operating Company.

Roxanne Giedd, Deputy Attorney General, represented DENR.

Case No. 12-2008 is an application to amend any field orders or spacing rules for the Table Mountain Field to create and establish a 1,280-acre spacing unit comprised of the E/2 of Section 24, T22N, R2E; all of Section 19, T22N, R3E; and the W/2 of Section 20, T22N, R3E, Harding County, SD, and authorizing the drilling of a horizontal well to the “B” zone of the Red River formation.

Case No. 13-2008 is an application to amend any field orders or spacing rules for the Table Mountain Field to create and establish a 1,280-acre spacing unit comprised of all of Sections 29

and 30, T22N, R3E, Harding County, SD, and authorizing the drilling of a horizontal well to the "B" zone of the Red River formation.

Case No. 14-2008 is an application to amend any field orders or spacing rules for the Table Mountain Field to create and establish a 1,280-acre spacing unit comprised of all of Sections 16 and 17, T22N, R3E, Harding County, SD, and authorizing the drilling of a horizontal well to the "B" zone of the Red River formation.

Mr. Bender requested that these three cases be combined into one hearing. Ms. Giedd and the board had no objections.

Motion by McCahren, seconded by DeMersseman, to combine the cases into one hearing.  
Motion carried.

Witnesses administered the oath and testifying on behalf of Zenergy Operation Company:

Kelley Bryan, land man  
Joe Gold, consulting geologist

Exhibits offered and admitted into the record for Zenergy Operation Company:

Exhibit L-1 – General locator map – showing location of all three cases  
Exhibit L-2 – Land plat for Case No. 12-2008  
Exhibit L-3 – Ownership summary for Case No. 12-2008  
Exhibit L-4 – Land plat for Case No. 13-2008  
Exhibit L-5 – Ownership summary for Case No. 13-2008  
Exhibit L-6 – Land plat for Case No. 14-2008  
Exhibit L-7 – Ownership summary for Case No. 14-2008  
Exhibit G-1 – Proposed spacing units for all three cases  
Exhibit G-2 – Type log, 31-1 Johnson Federal  
Exhibit G-3 – Well bore schematic  
Exhibit G-4 – Expected economics

Gerald "Mack" McGillivray was administered the oath and testified on behalf of the Department of Environment and Natural Resources regarding Case Nos. 12-2008, 13-2008, and 14-2008.

Notice of the hearing for these cases was published twice before April 23, 2008, in the Black Hills Pioneer, the Pierre Capital Journal, the Rapid City Journal, and the Nation's Center News. Affidavits of Publication are on file in the Department of Environment and Natural Resources Rapid City office.

The department received no petitions to intervene in any of these cases.

Ms. Giedd offered DENR Exhibit A, a map of areas in Harding County affected by May 15, 2008, Board of Minerals and Environment oil and gas hearings. The exhibit was accepted into the record.

Motion by Landguth, seconded by Bullene, to approve Case Nos. 12-2008, 13-2008, and 14-2008, Zenergy Operating Company, LLC. Motion carried.

Motion by McCahren, seconded by Bullene, to adopt the Findings of Fact, Conclusions of Law and Order for Case Nos. 12-2008, 13-2008, and 14-2008, Zenergy Operating Company, LLC, and to authorize Linda Hilde to execute the order. Motion carried.

Ms. Hilde declared the hearing closed.

PUBLIC HEARING TO CONSIDER ADOPTION OF A PROPOSED REVISION TO CHAPTER 74:10:03 WHICH WOULD ELIMINATE THE MINIMUM 100 FEET OF SURFACE CASING REQUIREMENT FOR ALL OIL AND GAS WELLS AND INSTEAD ALLOW THE SECRETARY TO DETERMINE HOW MUCH SURFACE CASING IS REQUIRED ON A CASE-BY-CASE BASIS: Chairman Sweetman opened the hearing at 11:35 a.m. CDT.

The purpose of the hearing was to consider an amendment to the Administrative Rules of South Dakota (ARSD) 74:10:03:16.

The effect of the proposed revision is to allow the Secretary of the Department of Environment and Natural Resources to determine how much surface casing is required for all new oil and gas wells. Surface casing is a length of pipe installed and cemented in a well to protect shallow aquifers. The current rule requires a minimum of 100 feet of surface casing in all oil and gas wells. Recent exploratory efforts in the state for shallow gas indicate gas may be located at depths of less than 100 feet. In addition, the geology in certain parts of the state does not warrant the installation of 100 feet of surface casing. The proposed rule revision would eliminate the minimum 100 feet of surface casing requirement, which would then allow the Secretary to determine how much surface casing is required for oil and gas wells on a case-by-case basis as is done now when more than 100 feet of surface casing is required.

The reason for adopting the proposed rule revision is to provide the flexibility needed to determine how much surface casing is required to protect shallow ground water resources while encouraging oil and gas exploration, production and development in South Dakota in accordance with Governor Rounds' 2010 Initiative.

Gerald "Mack" McGillivray, DENR Oil and Gas Program, discussed the following proposed amendment. The proposed amendment is a result of discussions with BioRockGas Exploration, LLC.

**74:10:03:16. Procedures for setting surface casing and production casing.**

The procedure for setting surface and production casing must meet the following conditions:

- (1) The surface hole must be drilled with fresh water. Surface casing must be set to protect freshwater resources as determined by the secretary. Cement must be used in the annulus to circulate to the surface. ~~No less than 100 feet of surface casing may be set under any circumstances;~~ and

(2) Freshwater resources not presently utilized must be protected by production casing and cement. Cementing in stages, if necessary, must be done for the purpose of sealing or separating aquifers with cement that circulates in the annulus.

The secretary shall prescribe variations in the casing and cementing procedures from area to area. The operator shall file a cement bond log within 60 days after completion of a well.

Mr. McGillivray stated that notice of the public hearing was published in the following newspapers: Sioux Falls Argus Leader, Rapid City Journal, Edgemont Herald Tribune, and Pierre Capital Journal on April 23, 2008; Nation's Center News on April 24, 2008; and Black Hills Pioneer on April 28, 2008. Affidavits of Publication are on file at the DENR Rapid City Office.

Notice of the hearing was also mailed to the oil and gas interested parties mailing list. The proposed revisions were also posted on DENR's website.

The proposed amendment was reviewed and approved for style and form by the Legislative Research Council.

No written comments were received prior to the hearing.

Chairman Sweetman requested public comments on the proposed amendment. No one from the public offered comments.

Motion by McCahren, seconded by Duxbury, to adopt the amendment to 74:10:03:16, as presented. Motion carried.

ORAL MINING REPORTS: Eric Holm presented the *2007 Summary of the Mining Industry in South Dakota*. This document is prepared every year by staff in the DENR Minerals and Mining Program.

Mr. Holm introduced representatives from the large-scale gold mining companies who provided oral presentations of their annual reports to the board. He noted the E-4 Energy, Inc. had no activities to report.

Golden Reward Mining Company – Jim Lessard  
Wharf Resources – Jim Lessard  
Homestake Mining Company – Mark Tieszen  
LAC Minerals – Mark Tieszen

PUBLIC HEARING TO CONSIDER ADOPTION OF PROPOSED REVISIONS TO CHAPTER 74:11:08, EXPLORATION OPERATION STANDARDS (EXPLORATION DRILL HOLE PLUGGING STANDARDS), AND TO CHAPTER 74:29:11, IN SITU LEACH MINING, INCLUDING A REQUIREMENT FOR AN UNDERGROUND INJECTION

CONTROL (UIC) PERMIT TO BE OBTAINED PRIOR TO ISSUANCE OF AN IN SITU LEACH MINE PERMIT AND OTHER MINOR CLEANUP REVISIONS: Chairman Sweetman opened the hearing at 2:15 p.m. CDT.

The purpose of the hearing was to consider the adoption and amendment of proposed rules ARSD 74:11:08:03.01 to 74:11:08:08, inclusive, 74:29:11:01, 74:29:11:01.01, 74:29:11:03, 74:29:11:06, 74:29:11:07, 74:29:11:12, 74:29:11:13, 74:29:11:15, 74:29:11:16, 74:29:11:18, 74:29:11:36, 74:29:11:38, 74:29:11:54, and 74:29:11:60.

The effect of the proposed revisions of Chapter 74:11:08 is to update the requirements for plugging mineral exploration test holes to make the rules more consistent with the well construction standards found in Chapter 74:02:04. In addition, the proposed rule revisions will allow the use of alternative test hole plugging methods if approved by the Department of Environment and Natural Resources, and will allow the commonly used method of plugging test holes with bentonite chips in special circumstances.

The effect of the proposed revisions of Chapter 74:29:11 governing in situ leach mining is to update an existing rule that lists other permits and approvals an applicant must obtain to operate an in situ leach mine. In addition, a new rule will require an operator applying for an in situ leach mine permit to obtain an Underground Injection Control Class III Well permit under Chapter 74:55:01 before the Board of Minerals and Environment BME may issue a mine permit. The proposed rule revisions also include amendments to make the in situ leach mining rules consistent with recently approved changes to Chapter 74:55:01, Underground Injection Control - Class III Wells.

The reason for adopting the proposed rules is for the protection of the environment, ground water resources, and other natural resources from the impacts of mineral exploration drilling and in situ leach mining.

Chairman Sweetman requested general comments on the proposed revisions. No one from the audience offered comments.

Mike Cepak, DENR Minerals and Mining Program, provided the following summary of proposed amendments and additions to the rules.

Chapter 74:11:08, Capping, Sealing, and Plugging Exploration Test Holes, applies to exploration test hole drilling under SDCL 45-6C, Mineral Exploration and SDCL 45-6D, Uranium Exploration.

The proposed revisions update the requirements for plugging mineral exploration test holes

- Make the rules more consistent with Chapter 74:02:04, Well Construction Standards
- Allow alternative test hole plugging methods
- Allow the use of bentonite chips in special circumstances

The rules cover various test hole conditions:

- 74:11:08:04 Minimum acceptable plugging method
- 74:11:08:05 Plugging and sealing confined aquifers or more than one aquifer
- 74:11:08:05.01 Plugging and sealing single unconfined aquifers (new rule)
- 74:11:08:06 Plugging in unconsolidated granular material
- 74:11:08:07 Plugging flowing artesian test holes
- 74:11:08:07.02 Plugging with bentonite chips (new rule)

Changes to plugging methods:

Cement grout

- Old rules: Maximum 9 gallons water per 94 lb. sack
- New rules: Maximum 6 gallons per 94 lb. sack

Bentonite grout

- Old rules: Minimum density 15 pounds per gallon
- New rules: Minimum density 9.4 pounds per gallon

Alternate plugging plans

- Old rules: Only allowed in a few cases
- New rules: Allowed in all cases with DENR approval

74:11:08:04 Minimum Acceptable Plugging Method

Dry vs. wet hole

- Old Rule: Not specified
- New Rule: Applies only to dry holes

74:11:08:05 Plugging and Sealing Confined Aquifers or more than one Aquifer

- Change in cement grout mixture and bentonite grout density

74:11:08:05.01 Plugging and Sealing Single Unconfined Aquifers

- This is a new rule

74:11:08:06 Plugging in Unconsolidated Granular Material

- Change in cement grout mixture and bentonite grout density
- For holes that do not penetrate the bedrock, reduce depth of nonslip plug from 13 feet to 8 feet

74:11:08:07 Plugging Flowing Artesian Wells

- Change in cement grout mixture

74:11:08:07.02 Plugging with Bentonite Chips



- This is a new rule
- Minimum 4-inch diameter hole
- Maximum 500-foot depth, no more than 100 feet of standing water
- Not for use in loose or broken strata
- Bridged holes need to be redrilled and plugged with cement or bentonite grout

Proposed revisions to Chapter 74:29:11, In Situ Leach Mining

- Require an Underground Injection Control (UIC) Class III Well permit before the issuance of an In Situ Leach Mine Permit
  - UIC Class III well is an in situ leach mining well
  - Add new regulation 74:29:11:01.01, Underground Injection Control – Class III Well, permit required before receiving an In Situ Leach Mine Permit
- Update the list of other permits and approvals an applicant must obtain to operate an In Situ Leach Mine (§74:29:11:01)
- Make the In Situ Leach Mining rules compatible with the recently approved rules revisions to Chapter 74:55:01, Underground Injection Control – Class III Wells
  - Water Management Board approved changes to UIC rules on April 3, 2008
- Correct typographical errors

The proposed revisions were served on the Legislative Research Council and the Bureau of Finance and Management on April 16, 2008.

Notice of the public hearing was published on April 18, 2008, in the Brookings Register, April 22, 2008, in the Hot Springs Star, and April 23, 2008, in the Pierre Capital Journal, Black Hills Pioneer, Custer County Chronicle, Rapid City Journal, and Edgemont Herald Tribune. Affidavits of Publication are on file at DENR.

Notice of the hearing was also mailed to 145 interested persons and entities on the department's mailing list and e-mailed to 113 persons on the Board of Minerals and Environment's list.

Written comments were received from the Legislative Research Council (LRC) and Max Main, Bennett, Main & Gubbrud, P.C.

LRC reviewed and approved the rules for style, form, and legality. LRC's changes are included in the final rules.

Mr. Cepak explained that in situ leach mining leaves the ore in the ground. Solutions are pumped through wells into an ore body to leach a mineral, such as uranium, out of the rock. The mineral-laden fluid is collected through recovery wells and is pumped to the surface to

processing facilities. Since the ore is left in place in the ground, there is little surface disturbance and no tailings or waste rock is generated as with a conventional mine.

Mr. Cepak showed diagrams explaining the in situ leach mining process, a typical well field pattern, and typical monitor well distribution.

Mr. Cepak then pointed out the specific revisions and additions and answered questions from the board.

Max Main proposed the following addition to 74:29:11:01.01:

The applicant may submit an application for an in situ mine permit prior to obtaining a permit under SDCL Chapter 34A-2 and Chapter 74:55:01, and the department may process the application.

The department proposed the following to 74:29:11:01.01, in addition to Mr. Main's proposal.

If the department processes the application, the application may not be deemed procedurally complete pursuant to 74:29:01:07 until the applicant has obtained a permit under SDCL 34A-2 and Chapter 74:55:01.

Mark Hollenbeck, Powertech, stated that one of the company's concerns regarding UIC and the large-scale mine permit is that the company will be required to completely go through the legal process of one permit before it can start the other. He said the opposition has informed Powertech that they are going to object and appeal every decision made by the Board of Minerals and Environment and the Water Management Board. If Powertech is required to have the UIC permit in hand before it can apply for the large-scale mine permit, it may be a two-year delay in starting the project. Mr. Hollenbeck stated that what Powertech is attempting to do is to be able to move both of these permits forward concurrently, by getting the Board of Minerals and Environment's approval conditioned upon the UIC permit being obtained, while not slowing down the application process.

Mr. Cepak said the department believes the Water Management Board should approve the UIC permit before the in situ leach mining application is presented to the Board of Minerals and Environment for approval.

Chairman Sweetman suggested that the rules allow the Board of Minerals and Environment to grant an in situ leach mining permit contingent upon the Water Management Board approving the UIC permit.

Larry Mann, Powertech, asked if the opposition could appeal a conditional approval of the in situ leach mining permit.

Mr. Cepak said any decision the board makes can be appealed.

Chairman Sweetman suggested that the rules state that the various permits are required before a company can operate, and having each permitting process stand alone.

Mr. Hollenbeck said he believes this is how the rules read prior to the proposed revisions.

Mr. Mann stated that the proposed revisions are a reaction to a request of a committee in the legislature that there be better communication and coverage. The department and mining companies have never really dealt with this kind of overlap, where two different boards essentially have decision-making authority over the same issue. The reason the Water Management Board became involved is to help resolve some legislative concerns.

Chairman Sweetman suggested striking the first sentence in 74:29:11:01.01.

Bob Townsend said the intent of the revisions is that the Water Management Board makes the decisions on the ground water issues, and that becomes a part of the permit issued by Board of Minerals and Environment. The Board of Minerals and Environment makes the decisions on everything else not covered by the UIC permit rules, but once the Board of Minerals and Environment issues the permit, it has enforcement jurisdiction over both the UIC and in situ leach mining permits. The Board of Minerals and Environment is required to set the level of bond by law for the entire mining operation and it has to be submitted before the permit can be issued. If the application is processed without the UIC permit, the Board of Minerals and Environment does not have the basis to establish a bond for the entire mining operation and the permit cannot be issued.

Mr. Townsend stated that by statute the Water Management Board has the authority to promulgate rules for Class III wells. The Board of Minerals and Environment has the authority to promulgate rules for in situ leach mining, which includes the operation, monitoring, etc., which includes the Class III well portion of the permit. He stated that this causes the possibility of two different permits being issued from two different boards, and the permits could contain conflicting requirements. Mr. Townsend said the department believes the way to resolve the issue is to have the Water Management Board make the decision on the UIC permit first, and then the Board of Minerals and Environment make the final decision on the entire mining operation, incorporating the UIC permit into their permit without change. By including Powertech's proposed language, the department can process the application to the point it is procedurally complete once the UIC permit is issued. After that, the Board of Minerals and Environment must hold a hearing within 90 days and make a decision in 120 days, so the timeframe is not that long once there is a complete application.

Motion by McCahren, seconded by Hilde, to strike the first sentence in 74:29:11:01.01.

Discussion took place and Mr. McCahren withdrew his motion. Ms. Hilde withdrew her second.

Motion by McCahren, seconded by Bullene, to delete in 74:29:11:01.01 the word "application" in the fifth line of the first paragraph, and at the end of the first paragraph insert the following: "The applicant may submit an application for an in situ mine permit before obtaining a permit under SDCL Chapter 34A-2 and Chapter 74:55:01, and the department may process the application. If the department processes the application, the application may not be deemed procedurally complete pursuant to 74:29:01:07 until the applicant has obtained a permit under

SDCL 34A-2 and Chapter 74:55:01” and to delete the last paragraph of 74:29:11:01.01. Motion carried.

Motion by Landguth, seconded by Hilde, to adopt the changes made by LRC, and to adopt the changes pointed out by the department during the hearing. Motion carried.

Motion by Hilde, seconded by Duxbury, to adopt amendments and additions to ARSD 74:11:08:03.01 to 74:11:08:08, inclusive, 74:29:11:01, 74:29:11:01.01, 74:29:11:03, 74:29:11:06, 74:29:11:07, 74:29:11:12, 74:29:11:13, 74:29:11:15, 74:29:11:16, 74:29:11:18, 74:29:11:36, 74:29:11:38, 74:29:11:54, and 74:29:11:60, as amended. Motion carried.

Chairman Sweetman thanked the participants and closed the hearing.

OTHER BUSINESS: The next board meeting is July 16-17, 2008, in Milbank.

The meeting was digitally recorded and a copy of the recording may be obtained by contacting the Department of Environment and Natural Resources, 523 East Capitol Avenue, Pierre, SD 57501; telephone number 605-773-3886.

ADJOURNMENT: Chairman Sweetman declared the meeting adjourned.

Linda Hilde 7-16-08  
Secretary Date

Chairman 7-16-08  
Witness Date

## BOARD OF MINERALS AND ENVIRONMENT MEETING

Location Matthew Training Center  
PierreDate May 15, 2008

NAME (PLEASE PRINT)	ADDRESS	REPRESENTING
GL (Mack) McGillivray	Rapid City	DENR
Eric Holm	Pierre	DENR
Jim Wendte	Pierre	DENR
Vonni Kallgren	Pierre	DENR
Erin Schmidt	Pierre	DENR
Robert Post-Johnson	<del>CLR</del> Bismack	CLR
Lawrence Pohl	Bismack, ND	CRIT + Zenergy
Joe Gold	6100 S. Yale Ave Tulsa, OK	Zenergy
Kelley Bryan	6100 S Yale Ave #1100 Tulsa OK 74134	Zenergy
Mary Jo Jones	Pierre	SPL
Mike Lees	Pierre	DENR
Larry Mann	PC	Puretech
Jim Lessard	SPEARFISH	WHARF RESOURCES
Mark Tieszen	Spearfish	Homestake / LAC Minerals
Todd Duxey	Spearfish	Homestake / LAC Minerals
R. Fivecoat	Pierre	DENR
Kelli Boscher	Pierre	DENR
Rev Waterland	Sturgis	Wharf Resources
Micheal Gypar	Pierre	DENR
Mark Hollensted	EDGE MOUNT	Puretech